

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

**P/4745-8 V1322**

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.  
**PCT/KR2005/000485**INTERNATIONAL FILING DATE  
**23 February 2005**PRIORITY DATE CLAIMED  
**11 March 2004**

## TITLE OF INVENTION

**ROTOR FOR GENERATING VORTEX WATER FLOW, AND FILTERING APPARATUS  
EMPLOYING THE SAME**

## APPLICANT(S) FOR DO/EO/US

Gi-Teak PARK et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [X] This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. [ ] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. [X] This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. [X] The US has been elected (Article 31).
5. [X] A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. [ ] is attached hereto (required only if not communicated by the International Bureau).
  - b. [X] has been communicated by the International Bureau.
  - c. [ ] is not required, as the application was filed in the United States Receiving Office (RO/US).
6. [X] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. [X] is attached hereto.
  - b. [ ] has been previously submitted under 35 U.S.C. 154(d)(4).
7. [ ] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. [ ] are attached hereto (required only if not communicated by the International Bureau).
  - b. [ ] have been communicated by the International Bureau.
  - c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.
  - d. [ ] have not been made and will not be made.
8. [ ] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. [X] An executed oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. [ ] An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern other document(s) or information included:**

11. [ ] An Information Disclosure Statement under 37 CFR 1.97 and 1.98 w/the required PTO Form 1449.
12. [ ] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. [X] A preliminary amendment.
14. [ ] An Application Data Sheet under 37 CFR 1.76
15. [ ] A substitute specification.
16. [ ] A power of attorney and/or change of address letter.
17. [ ] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
18. [ ] A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. [ ] A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).

**EXPRESS MAIL CERTIFICATE**

THIS CORRESPONDENCE IS BEING SUBMITTED ELECTRONICALLY THROUGH THE PATENT  
AND TRADEMARK OFFICE EFS FILING SYSTEM ON September 11, 2006.

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5)	INTERNATIONAL APPLICATION NO. PCT/KR2005/000485	ATTORNEY'S DOCKET NUMBER P/4745-8 V1322		
20. [ X] Other items or information: 8 Sheet of Drawings; Copy of the International Publication PCT/EP2005/051097; Notification of the recording of a change Form PCT/IB306 International Search Report PCT/KR2005/000485 dated 27 May 2005 (Korean Patent Office); PTO-1449 with 16 References; Written Opinion Of the International Searching Authority date of Mailing 30 May 2005				
The following fees have been submitted				
21. [X] Basic national fee (37 CFR 1.492(a)).....\$300				
\$300.00				
22. [X] Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0				
\$200.00				
All other situations.....\$200				
23. [X] Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0				
\$400.00				
Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority.....\$100				
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400				
All other situations.....\$500				
<b>TOTAL OF 21, 22 and 23 =</b>				
[ ] Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	\$
- 100 =	/50 =		x \$250	\$
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total Claims	30 - 20 =	10	x \$ 50	\$500.00
Independent Claims	1 - 3 =	0	x \$200	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>			<b>\$1,400.00</b>	
[ ] Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				
<b>SUBTOTAL =</b>			\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$	
			+	
<b>TOTAL NATIONAL FEE =</b>			<b>\$1,400.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by the appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$	
<b>TOTAL FEES ENCLOSED =</b>			<b>\$1,400.00</b>	
			Amount to be refunded:	\$
			Amount to be charged:	\$

- a.  Credit card payment for the required filing fee in the amount of \$1,400.00 is submitted via EFS-Web
  - b.  Please charge my Deposit Account No. 15-0700 in the amount of \$\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
  - c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 15-0700. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:  
Max Moskowitz, Esq.

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John D. Hall

Max Moskowitz

September 11, 2006

NAME

DATE

30,576

Form PTO-1390 (REV 7-2005)

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